

# GUSTAVUS<sup>TM</sup>

GUSTAVUS ADOLPHUS COLLEGE

May 25, 2012

Marsha Adams  
U. S. Environmental Protection Agency  
Enforcement Services Section 1, SE-5J1  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

US EPA RECORDS CENTER REGION 5



RECEIVED MAY 30 2012 *gpc*

Re: Request for Information Letter Pursuant to Section 104 of CERCLA for the Texas Township Drum Site in Kalamazoo, Kalamazoo County, Michigan; CERCLISID: MIN00510313

Dear Ms. Adams:

Gustavus Adolphus College in receipt of the Information Request and intends to fully cooperate in providing information concerning the contamination of the Texas Township Drum Superfund Site located at 10135 West O Avenue, Kalamazoo, Kalamazoo County, Michigan (Site). Following is a complete and truthful response to the questions enclosed in the Information Request and submitted within twenty-one days of the receipt of the Information Request letter.

Waste management information files for Gustavus were reviewed from years 1991 through 2012 and personal interviews were conducted. Information regarding Chemical Assistance, Inc., and the Environmental Network, Inc., were found in the 1992 file concerning one shipment that occurred on June 25, 1992. The Information Request we received references the Texas Township Drum Superfund Site located at 10135 West O Avenue, Kalamazoo, Kalamazoo County, Michigan. All of our documentation does not list the Kalamazoo address and all relevant copies of this file are being made available to you. Gustavus College used other waste disposal contractors prior to and after June of 1992 through 2012. Following are the responses to the Information Request questions:

**Enclosure B Request Questions and Gustavus Adolphus College responses:**

- i) **Identify all persons consulted in the preparation of the answers to these Information Requests:**
- a. Dale R Plemmons, Assistant Campus Safety Director, Radiation Safety Officer, Environmental Health & Safety Manager, Worker's Compensation Coordinator  
Gustavus Adolphus College, 800 West College Avenue, St. Peter, MN 56082  
(507) 933-7494
  - b. Kenneth Westphal, Vice President of Finance and Treasurer  
Gustavus Adolphus College, 800 West College Avenue, St. Peter, MN, 56082  
(507) 933-7499
  - c. Ray Thrower, Campus Safety Director  
Gustavus Adolphus College, 800 West College Avenue, St. Peter, MN, 56082  
(507) 933-8809

- d. Warren Wunderlich, Physical Plant Director  
Gustavus Adolphus College, 800 West College Avenue, St. Peter, MN, 56082  
(507) 933-7507
- e. Maureen Carlson, Laboratory Technical Coordinator-Biology  
Gustavus Adolphus College, 800 West College Avenue, St. Peter, MN, 56082  
(507) 933- 7334
- f. Angela Archer, Laboratory Program Coordinator, Chemistry  
Gustavus Adolphus College, 800 West College Avenue, St. Peter, MN, 56082  
(507) 933-6158
- g. Jason Stratman, Dean of Workforce Development  
Western Nebraska Community College, 1601 E. 27th Street, Scottsbluff, NE 69361  
(308) 635-6740
- h. David Leake, Environmental Health and Safety Consultant  
St. Olaf College, 1520 St. Olaf Avenue, Northfield, MN, 55057  
(952) 432-4321

**ii) Identify all documents consulted, examined or referred to in the preparation of the answers to these Requests, and provide copies of all such documents.**

- a. Gustavus Adolphus College (GAC) waste management files 1991- 2012.
- b. May 1, 1992, GAC Hazardous Waste inventory and campus map.
- c. May 27, 1992, signed Chemical Assistance, Inc. (CAI), agreement with GAC and CAI (Lisa Ledwidge). Schedule A Services provided. CAI address: 221 Dino Drive, Suite A, Ann Arbor, MI, 48103. 1-(800)-535-6650.
- d. June 1, 1992, GAC Purchase Order #12609 Receiving Report copy (yellow) issued to CAI (Lisa Ledwidge).
- e. June 1, 1992, GAC Purchase Order #12609 Business Office copy (pink) issued to CAI.
- f. June 25, 1992, Bill of Lading issued to Environmental Network, Inc. (ENI) from GAC. Transporter: Fort Transfer, Inc. ENI address: 221 Dino Drive, Ann Arbor, MI, 48103.
- g. June 25, 1992, Land Ban notice to Petro-Chem Processing, signed waste characteristics and ERG 90 page.
- h. GAC Hazardous Waste inventory dated May 1, 1992, with shipment notes.
- i. June 25, 1992, Michigan Department of Natural Resources Uniform Hazardous Waste Generator 1st copy (orange) Manifest #2584558. Transporter 1: Ron Rayon, Fort Transfer, Inc. Transporter 2: Wolverine Disposal. Designated Facility: Petro-Chem Processing, Inc., 515 Lycaste, Detroit, MI 40214.
- j. July 7, 1992, Michigan Department of Natural Resources Uniform Hazardous Waste Generator 2nd copy (blue) Manifest #2584558.

- k. July 24, 1992, memo describing the CAI shipment.
  - l. July 30, 1992, memo to Chemistry and Biology Departments, of the intent to use the University of Minnesota for the disposal of surplus chemicals and hazardous waste.
  - m. August 6, 1992, fax from CAI (Beverly Lorenzo) to GAC with GAC original purchase order #12609 and CAI revised invoice #91242.
  - n. August 20, 1992, CAI Invoice # 91242 paid by GAC totaling \$12,800.00.
  - o. 1992 Hazardous Waste application letter sent by GAC to the Minnesota Pollution Control Agency with hazardous waste generation inventory sheet for 1991-1992.
- iii) **If you have reason to believe that there may be persons able to provide a more detailed or complete response to any Information Request or who may be able to provide additional responsive documents, identify such persons:**
- Lisa Ledwidge, Chemical Assistance, Inc.
- iv) **Did you ever enter into an oral or written contract or otherwise do business with either Chemical Assistance, Inc., Environmental Network, Inc., or Donald Haugen for the purpose of arranging for the storage, treatment or disposal of waste materials? Yes. If you did, please identify the following:**
- a) **The persons with whom you or such other persons made such arrangements;**
- Lisa Ledwidge (CAI), Ken Westphal (GAC), Judy Biederman (GAC).
- b) **The contact information for each person with whom such arrangements were made;**
- 1) Lisa M. Ledwidge, Chemical Assistance, Inc., 221 Dino Drive, Suite A,  
Ann Arbor Michigan, 48103  
(800)535-6650
- 2) Ken Westphal, Assistant Vice President of Finance and Treasurer,  
Gustavus Adolphus College, 800 West College Avenue, St. Peter, MN 56082  
(507)933-7499
- 3) Judy Biederman, Retired Faculty  
Gustavus Adolphus College, 800 West College Avenue, St. Peter, MN 56082  
(507) 933- 6321
- b) **Every date on which such arrangements took place;**
- 1) May 27, 1992 – CAI and GAC agreement (document # ii-c).
- 2) June 1, 1992 – GAC purchase order to CAI (document # ii-e).
- 3) June 25, 1992 Shipment of hazardous waste liquids from GAC by Fort Transfer to Petro-Chem Processing, 515 Lycaste, Detroit, MI, 40214 (documents ii-g through j).

- 4) June 25, 1992 - ENI Bill of Lading for non-regulated solids (document ii-f).
- 5) June 30, 1992 – Invoice from CAI to GAC (document ii-n).
- 6) August 6, 1992- CAI Invoice faxed to GAC with change order (document ii-m).
- 7) August 20, 1992 – Revised CAI invoice paid in full by GAC (document ii-n).

**d) For each transaction, the nature of the waste material or hazardous substance, including the chemical content, characteristics, physical state (e.g., solid, liquid) and the process for which the substance was used or the process which generated the substance;**

Please see attached documents ii – g through j.

**e) The owner of the waste materials or hazardous substances so accepted or transported;**

Gustavus Adolphus College, 800 West College Ave., St. Peter, MN, 56082.

**f) The quantity of the waste materials or hazardous substances involved (weight or volume) in each transaction and the total quantity for all transactions;**

Please attached documents ii – f through j.

**g) All tests, analyses and analytical results concerning the waste materials;**

Please see attached document ii - g.

**h) The person(s) who selected the Site as the place to which the waste materials or hazardous substances were to be transported;**

Chemical Assistance, Inc. & Environmental Network, Inc.

**i) The amount paid in connection with each transaction, the method of payment and the identity of the person from whom payment was received;**

Please see attached documents ii- l through n.

**j) Where the person identified in g. above intended to have such hazardous substances or waste materials transported and all evidence of this intent;**

Petro-Chem Processing, Inc., 515 Lyncaste, Detroit MI, 40214 and  
Environmental Network, Inc., 221 Dino Drive, Ann Arbor, MI, 48103  
Document ii- i & j.

**k) Whether the waste materials or hazardous substances involved in each transaction were transshipped through, or were stored or held at, any intermediate site prior to final treatment or disposal;**

Fort Transfer, Inc. was the 1<sup>st</sup> transporter,  
Wolverine Disposal, Inc., was the 2<sup>nd</sup> transporter.  
Documents ii- i & j.

**l) The final disposition of each of the waste materials or hazardous substances involved in such transactions;**

Four liquid waste containers (180 gallons) were brought Petro-Chem Processing, Inc., 515 Lyncaster, Detroit MI, 48214 and ENI, 221 Dino Drive, Ann Arbor, MI, 48103. Two shipping units of non-regulated solids (2,000 lbs.) were taken by ENI, 221 Dino Drive, Ann Arbor, MI, 48103  
Documents ii – f, i & j.

**m) The measures taken by you to determine the actual methods, means and site of treatment or disposal of the waste material and hazardous substances involved in each transaction;**

Reception of the 2<sup>nd</sup> generator manifest showing final facility owner operator signature from Petro-Chem, Inc., and dated July 7, 1992.  
Document ii-j.

**n) The type and number of containers in which the waste materials or hazardous substances were contained when they were accepted for transport, and subsequently until they were deposited at the site, and all markings on such containers;**

Four drums of 180 gallons of "RQ", Hazardous Waste Liquid, (chloroform, acetone), ORME-E, NA 9189. Two shipping units of non-regulated solids (2,000 lbs.) and three empty drums.  
Documents ii – f, i & j.

**o) The price paid for (i) transport or (ii) disposal of (iii) or both, of each waste material and hazardous substance;**

The CAI invoice # 91242 dated June 30, 1992, has \$9,100.00 for "hazardous waste removal - original amount" and \$3,700.00 for "hazardous waste removal - additional materials". Total for CAI invoice 91242 is \$12,800.00 and paid in full by GAC on August 20<sup>th</sup>, 1992.  
Documents ii-m & n.

**p) All documents containing information responsive to a)-p) above, or in lieu of identification of all relevant documents, provide copies of all such documents;**

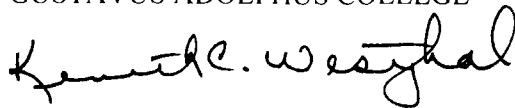
Please see attached documents ii-b through o.

**q) All persons with knowledge, information or documents responsive to questions a through p, above:**

Dale R Plemmons, Assistant Campus Safety Director, Radiation Safety Officer,  
Environmental Health & Safety Manager, Worker's Compensation Coordinator  
800 West College Avenue, St. Peter, MN 56082  
(507) 933-7494

Should the U. S. Environmental Protection Agency have additional questions or request further assistance regarding the Gustavus Adolphus College responses to the Information Request, please contact the Assistant Campus Safety Director/Environmental Health and Safety Manager Dale Plemmons at (507) 933-7494.

Sincerely,  
GUSTAVUS ADOLPHUS COLLEGE

A handwritten signature in black ink that reads "Kenneth C. Westphal". The signature is written in a cursive style with a large, looped initial 'K'.

Kenneth C. Westphal  
Vice President for Finance and Treasurer

:Attachments – Documents ii b through o.

# Document ii - b

May 1, 1992

Gustavus Adolphus College

## EMERGENCY LIGHT BATTERIES

Powersonics	37
Sure-Lites	18
Emergi-lite	9
Dual Lite	3
2 Volt Cyclon Dall	3
Lythonia Rechargeable	1
Streamlight Rechargeable	1
Fusolink	1
Black and Decker Fast	
Change Energy Pack	2

BALLASTS--approximately <sup>425</sup> ~~365~~, suspect they contain PCBs as they not marked to the contrary. No PCPS, but lead lined.

Eight 5-gallon containers of print room wastes (solvents, blanket wash)

4 gallons - Fedron

Four 5-gallon containers of tar, hardened.

## OTHER

Adios Spot Remover 1 can, 20 ozs.

~~Orbito Wood B Gonc 1 can, 40 ozs.~~

Lubricating oil for aircrafts and machine guns (army surplus, marked poison) 1 pint

Immersion oil with PCBs 9 ozs.

Siliclad, water soluble silicone concentrate 4 oz

N-nitrosa-N-ethylurea	30 gm
20-Methylcholanthrene	550 mg
1,2-Benzanthracene	250 mg
Phenol	8 oz.
Phenol and copper sulfate soln.	20 oz.
Ethyl carbamate	100 gm
Adrenaline Chloride	0.7 oz.
Acetylcholine chloride	20 gm
Kainic Acid	100 mg
Peroxidase	150 mg
Waste bromination solution	20 oz.
Waste methylene chloride	300 oz.
Waste $ZnH_2SO_4$	1000 gm
Waste Acetamide & Succinimide	50 gm
Lemon Lustre fortified polish	16.6 oz can
Rek-O-Matic, spray for LPs and other recordings	7 oz.

Flouro*chloro dumping fluid	48 oz
Turpentine	30 oz.
Lead Acetate	35 oz., 16 oz.
Rekocut Oil	3 oz.
Corona Dope (high voltage insulation)	16 oz.
Acid Oleic, USP	25 oz.
Waste Ag	1 gm
Bubbline Concentrated R.S.	25 oz.
Zn metal sticks	20 oz.
Cadium metal sticks	2--1/2 lb. sticks
NaNo <sub>2</sub> sticks	10--2 gm sticks
Napthalene (crystal)	10 oz.
Aniline (from sulfate)	20 ml
Transparent waterproofing lacquer	16. Oz.
Velocite Oil	10 oz.
90% Faiming HNO	40 oz.
Waste C H NO	10 oz.
Sulphur roll	5 lb
Ethyl diphenol carbinol	20 gm
Polystyrene	5 gm
Stilbene Dibromide	8 gm
Carbon disulfide (Merck)	21 oz.
Kerosene	20 oz.
Sulphur	50 gm
Dr. Scat!--typewriter platen roll and type cleaner, contains 1,1,1-trichloroethane	2 oz.
Water soluble oil	1 U.S. gallon
Sodium in mineral oil	about 10 oz.

#### PHOTOGRAPHY

Kodak rapid fixer, solution B (hardener) contains sulphuric acid--10 oz.

Kodak flexicolor stabilizer and replenisher, contains formaldehyde, 135 ml

Nextel Velvet coating 1--6 Oz can

Reducer for overall color, 16 oz bottle

Reducer for magenta color, 16 oz bottle

Reducer for yellow color, 16 oz. bottle

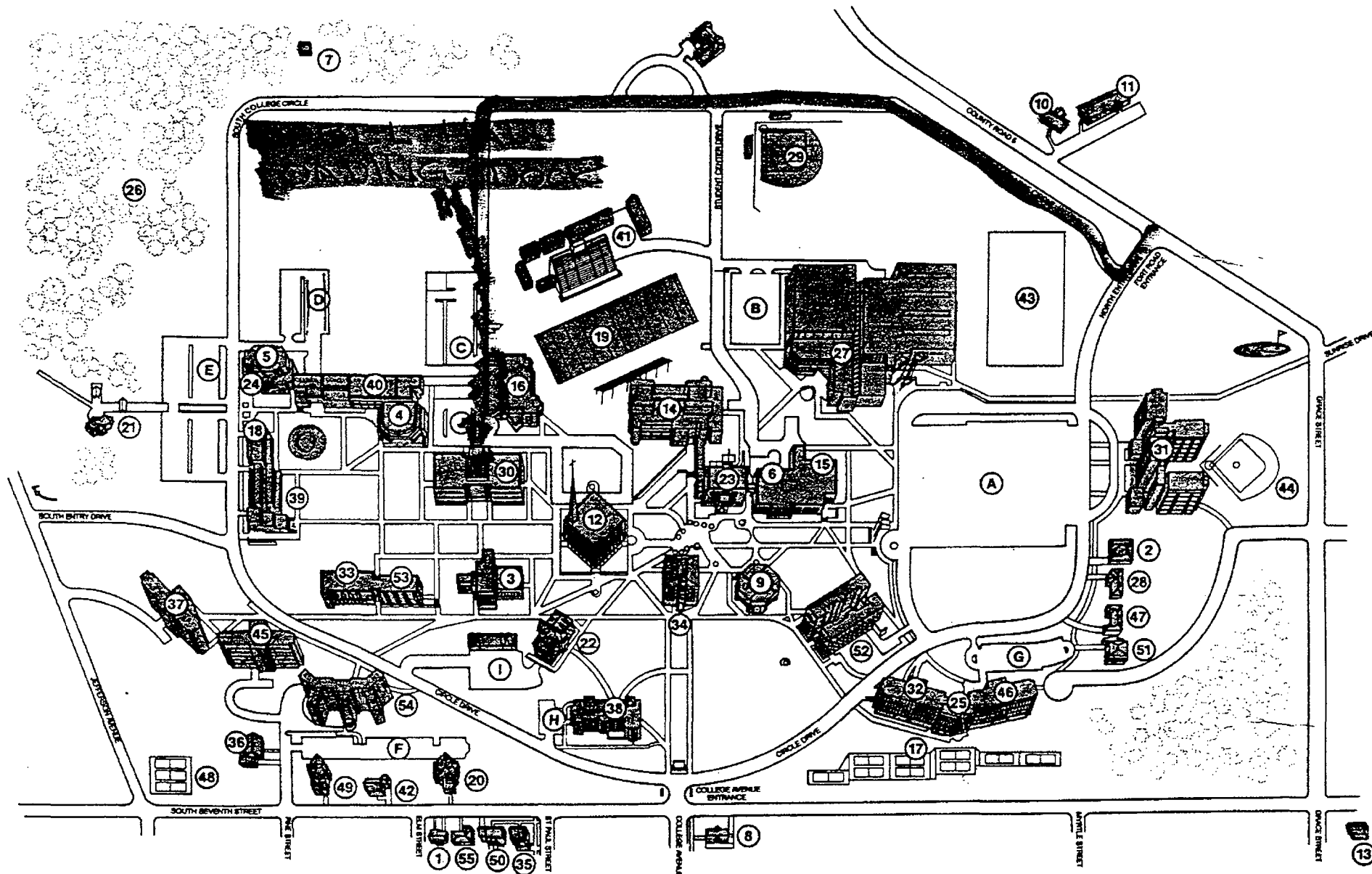
Reducer for cyan color, 16 oz bottle

Three kits: Extrachrome Film Processing Kit (Process E-4)

9 jars unidentified liquids, 5 jars unidentified solids, all small amounts. These and about 10 beakers with dried waste crsytals are from different chemistry experiments. These are not well marked.

Also, very small amounts of waste chemicals and salts formed on storage container, some marked, others marked but not readable. Some contain  $\text{Et}_3\text{NHB}_4\text{H}_7$ ,  $\text{B}_{10}\text{H}_7\text{S}(\text{CH}_2)_2\text{NC}_5\text{H}_5$ ,  $\text{B}_{10}\text{H}_8[\text{C}(\text{CH}_3)_2]_2$





**CAMPUS DIRECTORY  
GUSTAVUS ADOLPHUS COLLEGE  
SAINT PETER, MINNESOTA 56082**

**FACILITIES**

- 1 ADOLPHSON HOUSE
- 2 ALMEN-VICKNER GUEST HOUSE
- 3 ANDERSON SOCIAL SCIENCE CENTER
- 4 ANDERSON THEATRE
- 5 BOWLING CONCERT HALL
- 6 BOOK MARK
- 7 BORGESON CABIN
- 8 BRICK HOUSE
- 9 CARLSON ADMINISTRATION BUILDING

- 10 COLLEGE VIEW 4 FLEX
- 11 COLLEGE VIEW 12 FLEX
- 12 CHRIST CHAPEL
- 13 EXCHANGE HOUSE
- 14 FOLKE BERNADOTTE MEMORIAL LIBRARY
- 15 FOOD SERVICE BUILDING  
Post Office  
SUN Room
- 16 F. W. OLIN HALL
- 17 GIBBS TENNIS CENTER
- 18 GRANLUND STUDIO
- 19 HOLLINGSWORTH FOOTBALL FIELD
- 20 HOLLY HOUSE

- 21 INTERPRETIVE CENTER
- 22 JOHNSON HALL
- 23 JOHNSON STUDENT UNION  
Alumni Hall  
Lunar Lounge  
Sculpture  
The Div
- 24 LEGAC STUDIO
- 25 LINK HALL
- 26 LINNAEUS ARBORETUM
- 27 LUND CENTER FOR PHYSICAL EDUCATION AND HEALTH
- 28 LUNDGREN HOUSE
- 29 MYRUM BASEBALL FIELD
- 30 NOBEL HALL OF SCIENCE

- 31 NOBELIUS HALL
- 32 NORTH HALL
- 33 OGDEN P. CONYER HALL
- 34 OLD MAIN
- 35 PETERSON HOUSE
- 36 PINE HOUSE
- 37 PITTMAN HALL
- 38 RUNDSTROM HALL
- 39 SCHAEFER CENTER, ART
- 40 SCHAEFER CENTER, MUSIC, SPEECH, THEATRE  
Black Box  
Lunar Lounge  
Lunar Music Library
- 41 SHOP BUILDINGS

- 42 SJOSTROM HOUSE
- 43 SOCCER FIELD
- 44 SOFTBALL FIELD
- 45 SORKE HALL
- 46 SORESEN HALL
- 47 SORESEN HOUSE
- 48 SOUTH TENNIS COURTS
- 49 SWEDISH HOUSE (SVENSKA Huset)
- 50 10-4-9 HOUSE
- 51 TERRACE HOUSE
- 52 UNLER HALL
- 53 VICKNER LANGUAGE HALL
- 54 WÄRLSTROM HALL
- 55 WALKER HOUSE

- PARKING LOTS**  
LOT A, B, C, D, E, G, H, I, J
- VISITOR PARKING**  
LOTS A, C, D AND E



# CHEMICAL ASSISTANCE, INC.

221 Dino Drive • Suite A • Ann Arbor, Michigan 48103 • (800) 535-6650

Agreement made this May 11, 1992 by and between Chemical Assistance, Inc. a Michigan Corporation, hereinafter referred to as "Processor" and Gustavus Adolphus College, hereinafter referred to as "Generator".

Whereas, Processor is in the business of processing various waste materials for acceptance by treatment, disposal and recycling facilities and Whereas, Generator produces unwanted chemical materials and is desirous of utilizing Processor's service.

Now, Therefore, for good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties do hereby agree as follows.

Generator agrees to ship and Processor agrees to accept and treat or dispose of or cause to be treated and/or disposed of those wastes as described in Schedule A.

Processor further agrees to provide handling, loading, unloading, and transportation services, should the Generator so require.

In witness whereof, Processor and Generator has each caused this Agreement to be executed by its duly authorized representative.

Chemical Assistance, Inc.

*Joan M. Jedwiege*

Date 5/15/92

Gustavus Adolphus College

*Kenneth C. Weyfel, VP. & Treasurer*

Date 5/27/92

**Schedule A**  
**Services Provided**

**I. Lab Packs**

- |                          |                                                                                                                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A. Identification</b> | All materials will be identified and segregated by category prior to packaging and transportation.                                                                                                    |
| <b>B. Transportation</b> | All materials will be packaged and shipped in accordance with all Department of Transportation shipping regulations. A licensed and insured transporter will be provided by Chemical Assistance, Inc. |
| <b>C. Reclamation</b>    | Final disposition of all materials will be through reclamation, beneficial reuse, resale, and disposal. Only licensed and insured facilities will be used for waste materials.                        |
| <b>D. Documentation</b>  | All paperwork and shipping documentation will be prepared by Chemical Assistance, Inc. for your review.                                                                                               |

**II. Other materials for which we will provide services**

- |                        |                            |
|------------------------|----------------------------|
| <b>A. PCB Waste</b>    | <b>E. Explosives</b>       |
| <b>B. Aerosol Cans</b> | <b>F. Pyrophorics</b>      |
| <b>C. Cyanides</b>     | <b>G. Shock Sensitives</b> |
| <b>D. Reactives</b>    | <b>H. Gas Cylinders</b>    |

**III. Analytical Testing**

We have a fully equipped laboratory available for testing and identification of waste solids, liquids and gases.



PURCHASE ORDER

No. 12609

## GUSTAVUS ADOLPHUS COLLEGE

ST. PETER, MINN. 56082

THE ABOVE NUMBER  
MUST APPEAR ON ALL  
INVOICES AND PACK-  
AGES

JUNE 1 19 92

Via \_\_\_\_\_

F.O.B. ST. PETER, MN

Requisition No. \_\_\_\_\_

 Deliver } Receiving Room  
 To }

CHEMICAL ASSISTANCE, INC.

221 DINO DRIVE SUITE A

ANN ARBOR, MICHIGAN 48103

1-800-535-6650

QUANTITY	SPECIFICATIONS	ACCT. NO.	UNIT PRICE	AMOUNT
	PROJECT: HAZARDOUS WASTE DISPOSAL ATTN: LISA M. LEWIDGE  FURNISH ALL LABOR, MATERIALS AND TRANSPORTATION TO REMOVE THE HAZARDOUS WASTES FROM THE CAMPUS OF GUSTAVUS ADOLPHUS COLLEGE AS DESCRIBED IN CHEMICAL ASSISTANCE, INC. PROPOSAL AND CONTRACT DATED MAY 11, 1992 AND THE MATERIALS LIST ATTACHED TO THAT PROPOSAL. ALL HANDLING, TRANSPORTING AND DISPOSAL OF THE HAZARDOUS WASTE MATERIALS SHALL BE ACCOMPLISHED IN STRICT COMPLIANCE WITH THE EPA REGULATIONS GOVERNING THIS WORK. TAX EXEMPT #21300 TOTAL COST SCHEDULE: MATERIALS ARE SCHEDULED FOR PICK-UP AT THE LOADING DOCK ENTRANCE OF NOBEL HALL (SEE ATTACHED MAP) AT 8:00 A.M. ON JUNE 25, 1992. FOR QUESTIONS CALL JUDY BIEDERMAN AT 507-933-7334 OR LAYTON GEHRKE AT 507-933-7504			\$9,100.00

IMPORTANT — Send invoices and statement to Business Office - Not With Goods

GUSTAVUS ADOLPHUS COLLEGE

RECEIVING REPORT—SEND TO BUSINESS OFFICE IMMEDIATELY

By *[Signature]*  
Purchasing Dept.



PURCHASE ORDER

No. 12609

## GUSTAVUS ADOLPHUS COLLEGE

ST. PETER, MINN. 56082

THE ABOVE NUMBER  
MUST APPEAR ON ALL  
INVOICES AND PACK-  
AGES

JUNE 1 19 92

Via \_\_\_\_\_

F.O.B. ST. PETER, MN

Requisition No. \_\_\_\_\_

Deliver To } Receiving Room

CHEMICAL ASSISTANCE, INC.

221 DINO DRIVE SUITE A

ANN ARBOR, MICHIGAN 48103

1-800-535-6650

QUANTITY	SPECIFICATIONS	ACCT. NO.	UNIT PRICE	AMOUNT
1	<p>PROJECT: HAZARDOUS WASTE DISPOSAL ATTN: LISA M. LEWIS</p> <p>FURNISH ALL LABOR, MATERIALS AND TRANSPORTATION TO REMOVE THE HAZARDOUS WASTES FROM THE CAMPUS OF GUSTAVUS ADOLPHUS COLLEGE AS DESCRIBED IN CHEMICAL ASSISTANCE, INC. PROPOSAL AND CONTRACT DATED MAY 11, 1992 AND THE MATERIALS LIST ATTACHED TO THAT PROPOSAL. ALL HANDLING, TRANSPORTING AND DISPOSAL OF THE HAZARDOUS WASTE MATERIALS SHALL BE ACCOMPLISHED IN STRICT COMPLIANCE WITH THE EPA REGULATIONS GOVERNING THIS WORK. TAX EXEMPT #21306 TOTAL COST</p> <p>SCHEDULE: MATERIALS ARE SCHEDULED FOR PICK-UP AT THE LOADING DOCK ENTRANCE OF NOBEL HALL (SEE ATTACHED MAP) AT 8:00 A.M. ON JUNE 25, 1992. FOR QUESTIONS CALL JUDY BIEDERMAN AT 507-933-7334 OR LAYTON GEHRKE AT 507-933-7504</p>			\$9,100.00

IMPORTANT - Send invoices and statement to Business Office - Not With Goods

GUSTAVUS ADOLPHUS COLLEGE

By Purchasing Dept.

BUSINESS OFFICE

Document ii - e

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. 1246

Carrier No. \_\_\_\_\_

FORT TRANSFER, INC

(Name of Carrier)

Date JUNE 25 1992

TO: Consignee <u>ENVIRONMENTAL NETWORK INC</u>		FROM: Shipper <u>GUSTAVUS ADOLPHUS COLLEGE</u>	
Street <u>221 DINO DR</u>		Street <u>ST PETER MN 56082</u>	
Destination <u>ANN ARBOR MI</u> Zip Code <u>48103</u>		Origin _____	

Route		BEST WAY			Vehicle Number
No. Shipping Units	HM*	Kind of Packaging, Description of Articles, Special Marks and Exceptions	Weight (subject to correction)	Rate	CHARGES
2		NON REGULATED SOLID L	2000 lbs		
3		EMPTY DRUMS	150 lbs		

REMIT C.O.D. TO: ADDRESS	<b>COD</b> Amt: \$	C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$
NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ per _____	This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. _____ Signature	Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. _____ (Signature of Consignor)
<p>RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of</p>		<p>all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.</p> <p>Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.</p>

SHIPPER <u>Judy Biederman</u>	CARRIER
PER	PER
	DATE

\* Hazardous Materials

PRODUCT 5041-3 NEBS Inc., Groton, Mass. 01471, To Order PHONE TOLL FREE 1-800-225-6380

Document ii - f

3

# Document ii - g

## HAZARDOUS WASTE RESTRICTED FROM LAND DISPOSAL NOTICE TO PETRO-CHEM PROCESSING, INC.

On manifest number MI 2584558 line item A (A, B, C or D),  
the waste bearing the EPA hazardous waste number(s) F002, F003, F005, D001

is subject to the land disposal restrictions of 40 CFR Part 268. In accordance with 40 CFR 268.7, this generator is providing notice that the waste does not meet the treatment standards specified in Part 268 Subpart D or does not meet the prohibitions specified in 268.32 or RCRA section 3004(d). The treatment standards follow:

Hazardous waste description	Constituents of concern	Nonwastewater	
		Total composition, mg/kg	Wastewater, total composition, mg/L
<input type="checkbox"/> F001 - Spent halogenated solvents used in degreasing	Carbon tetrachloride	0.96	0.05
	Methylene chloride	0.96	0.20
	Tetrachloroethylene	0.05	0.079
	1,1,1-Trichloroethane	0.41	1.05
	Trichloroethylene	0.091	0.062
	1,1,2-Trichloro-1,2,2-trifluoroethane	0.96	1.05
	Fluoroethane	0.96	0.05
	Trichlorofluoromethane	0.05	0.15
<input checked="" type="checkbox"/> F002 - Spent halogenated solvents	Chlorobenzene	0.125	0.65
	1,2-Dichlorobenzene	0.96	0.20
	Methylene chloride	—	0.44
	Methylene chloride (from the pharmaceutical industry)	0.05	0.079
	Tetrachloroethylene	0.41	1.05
	1,1,1-Trichloroethane	7.6	0.030
	1,1,2-Trichloroethane	0.091	0.062
	Trichloroethylene	0.96	1.05
	1,1,2-Trichloro-1,2,2-trifluoroethane	0.96	0.05
	Fluoroethane	0.59	0.05
<input checked="" type="checkbox"/> F003 - Spent non-halogenated solvents	Acetone	5.0	5.0
	n-Butyl alcohol	0.75	0.125
	Cyclohexanone	0.75	0.05
	Ethyl acetate	0.053	0.05
	Ethyl benzene	0.75	0.05
	Ethyl ether	0.75	0.25
	Methanol	0.75	0.05
	Methyl isobutyl ketone	0.15	0.05
	Xylene	0.75	2.32
<input type="checkbox"/> F004 - Spent non-halogenated solvents	Cresols (and creosote)	0.125	0.66
	Nitrobenzene	37	0.070
<input checked="" type="checkbox"/> F005 - Spent non-halogenated solvents	Benzene	4.31	1.85
	Carbon disulfide	Incineration	Biological degradation or incineration
	2-Ethoxyethanol	5.0	5.0
	Isobutanol	0.75	0.05
	Methyl n-butyl ketone	Incineration	(Wet oxidation or chemical oxidation) followed by carbon adsorption or incineration
	2-Nitropropane	0.33	1.11
	Pyridine	0.33	1.11
	Toluene		

Check the appropriate box(es), and, circle each chemical entity likely to be present in each waste number.

Circle each of the following characteristic wastes also likely to be present in the waste.

Waste Code	Description	Waterways	Nonwaterways
D001:	Wastewaters (<1.0 w% TOC and /SS)	268.42(w) DEACT <input checked="" type="checkbox"/>	NA
	Low TOC Ignitable Liquids (<10 w% TOC)	NA	268.42(w) DEACT
	High TOC Ignitable Liquids (>10 w% TOC)	NA	268.42(w) RORGS, TUBS, or INCIN
D002	Corrosives, all subcategories & C.I. list	268.42(w) DEACT	268.42(w) DEACT
D004	Arsenic (As)	268.43(w)	268.41(w) Variance until 5-8-92
D005	Barium (Ba)	268.43(w)	268.41(w)
D006	Cadmium (Cd)	268.43(w)	268.41(w)
D007	Chromium (Cr)	268.43(w)	268.41(w)
D008	Lead (Pb)	268.43(w)	268.41(w)
D009:	Low Mercury Subcategory (<260 ppm Hg)	268.43(w)	268.41(w) Variance until 5-8-92
	High Mercury Subcategory (>=260 ppm Hg)	268.43(w)	268.42(w) RMERC Variance until 5-8-92
D010	Selenium (Se)	268.43(w)	268.41(w)
D011	Silver (Ag)	268.43(w)	268.41(w)
Other Codes	See attachment for supplemental list		

☒ (Check if applicable) This waste is principally an organic liquid, and therefore, it is my best judgement that this material presents substantially the same environmental risk as P001-P005 spent solvents, and this, should be restricted from land disposal.

Generator Firm Name: Gustavus Adolphus College

Generator Signature: Judy Friedman

Name & Title of Generator: \_\_\_\_\_

EPA ID No.: MND 985 684 232 Date: 6-25-92

RJP080190NTI  
LDR33



**POTENTIAL HAZARDS****FIRE OR EXPLOSION**

Flammable/combustible material; may be ignited by heat, sparks or flames.  
Vapors may travel to a source of ignition and flash back.  
Container may explode in heat of fire.  
Vapor explosion hazard indoors, outdoors or in sewers.  
Runoff to sewer may create fire or explosion hazard.

**HEALTH HAZARDS**

May be poisonous if inhaled or absorbed through skin.  
Vapors may cause dizziness or suffocation.  
Contact may irritate or burn skin and eyes.  
Fire may produce irritating or poisonous gases.  
Runoff from fire control or dilution water may cause pollution.

**EMERGENCY ACTION**

Keep unnecessary people away; isolate hazard area and deny entry.  
Stay upwind; keep out of low areas.  
Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.  
Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire.  
**CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.**  
If water pollution occurs, notify the appropriate authorities.

**FIRE**

**Small Fires:** Dry chemical, CO<sub>2</sub>, water spray or regular foam.  
**Large Fires:** Water spray, fog or regular foam.  
Move container from fire area if you can do it without risk.  
Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.  
For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire burn.  
Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.

**SPILL OR LEAK**

Shut off ignition sources; no flames, smoking or flames in hazard area.  
Stop leak if you can do it without risk.  
Water spray may reduce vapor; but it may not prevent ignition in closed spaces.  
**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.  
**Large Spills:** Dike for ahead of liquid spill for later disposal.

**FIRST AID**

Move victim to fresh air and call emergency medical care; if not breathing, give artificial respiration; if breathing is difficult, give oxygen.  
In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water.  
Remove and isolate contaminated clothing and shoes at the site.

## Document ii - h

May 1, 1992

Gustavus Adolphus College

*Ballasts  
Lead  
lining*

### EMERGENCY LIGHT BATTERIES

Powersonics	37
Sure-Lites	18
Emergi-lite	9
Dual Lite	3
2 Volt Cyclon Dall	3
Lythonia Rechargeable	1
Streamlight Rechargeable	1
Fusolink	1
Black and Decker Fast Change Energy Pack	2

*Battery  
recycling  
did not  
take*

BALLASTS--approximately 365, suspect they contain PCBs as they not marked to the contrary *+ about 60 more*

Eight 5-gallon containers of print room wastes (solvents, blanket wash)

*Fedron added*

Four 5-gallon containers of tar, hardened

### OTHER

Adios Spot Remover 1 can, 20 ozs.

~~Ortho Weed-B-Gone 1 can, 40 ozs.~~

Lubricating oil for aircrafts and machine guns (army surplus, marked poison) 1 pint

Immersion oil with PCBs 9 ozs.

~~Siliclad, water soluble silicone concentrate 4 oz.~~

N-nitrosa-N-ethylurea	30 gm
20-Methylcholanthrene	550 mg
1,2-Benzanthracene	250 mg
Phenol	8 oz.
Phenol and copper sulfate soln.	20 oz.
Ethyl carbamate	100 gm
Adrenaline Chloride	0.7 oz.
Acetylcholine chloride	20 gm
Kainic Acid	100 mg
Peroxidase	150 mg
Waste bromination solution	20 oz.
Waste methylene chloride	300 oz.
Waste $ZnH_2SO_4$	1000 gm
Waste Acetamide & Succinimide	50 gm
Lemon Lustre fortified polish	16.6 oz can
Rek-O-Matic, spray for LPs and other recordings	7 oz.

Flouro*chloro dumping fluid	48 oz
Turpentine	30 oz.
Lead Acetate	35 oz., 16 oz.
Rekocut Oil	3 oz.
Corona Dope (high voltage insulation)	16 oz.
Acid Oleic, USP	25 oz.
Waste Ag	1 gm
Bubbline Concentrated R.S.	25 oz.
Zn metal sticks	20 oz.
Cadium metal sticks	2--1/2 lb. sticks
NaNO <sub>2</sub> sticks	10--2 gm sticks
Napthalene (crystal)	10 oz.
Aniline (from sulfate)	20 ml
Transparent waterproofing lacquer	16. Oz.
Velocite Oil	10 oz.
90% Faiming HNO	40 oz.
Waste C H NO	10 oz.
Sulphur roll	5 lb
Ethyl diphenol carbinol	20 gm
Polystyrene	5 gm
Stilbene Dibromide	8 gm
Carbon disulfide (Merck)	21 oz.
Kerosene	20 oz.
Sulphur	50 gm
Dr. Scat!--typewriter platen	
roll and type cleaner, contains	
1,1,1-trichloroethane	2 oz.
Water soluble oil	1 U.S. gallon
Sodium in mineral oil	about 10 oz.

#### PHOTOGRAPHY

Kodak rapid fixer, solution B (hardener) contains sulphuric acid--10 oz.

Kodak flexicolor stabilizer and replenisher, contains formaldehyde, 135 ml

Nextel Velvet coating 1--6 Oz can

Reducer for overall color, 16 oz bottle

Reducer for magenta color, 16 oz bottle

Reducer for yellow color, 16 oz. bottle

Reducer for cyan color, 16 oz bottle

Three kits: Extrachrome Film Processing Kit (Process E-4)

9 jars unidentified liquids, 5 jars unidentified solids, all small amounts. These and about 10 beakers with dried waste crsytals are from different chemistry experiments. These are not well marked.

Also, very small amounts of waste chemicals and salts formed on storage container, some marked, others marked but not readable. Some contain  $\text{Et}_3\text{NHBH}_4$ ,  $\text{B}_{10}\text{H}_3\text{S}(\text{CH}_3)_2$ ,  $\text{NC}_5\text{H}_5$ ,  $\text{B}_{10}\text{H}_8[\text{E}(\text{CH}_3)_2]_2$

+ other waste chemicals added since inventory

only took  
small bottle  
of silver soln from  
each kit

~~Mercury--we have up to 20 pounds.~~

Other than the five gallon containers, the ballasts and the batteries, the total amount of waste chemicals do not amount to a large volume, and hopefully can be disposed of in only a few containers.

*Judy Biederman*

Judy Biederman  
Department of Biology  
Gustavus Adolphus College  
800 College Avenue  
St. Peter, MN 56082  
(507) 933-7334  
fax. 507-933-7041





**MICHIGAN DEPARTMENT  
OF NATURAL RESOURCES**

**Document ii - i**

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

required under authority of Act 136, P.A. 1979, as amended and Act 136, P.A. 1969.

Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1969.

Please print or type.

Form Approved. OMB No. 2058-0039 Expires 9-30-93

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>MND98568423284558</b>		Manifest Document No. <b>284558</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address <b>Gustavus Adolphus College St. Peter, MN 56082 (507) 933-7334</b>						A. State Manifest Document Number <b>MI 2584558</b>									
4. Generator's Phone ( )						B. State Generator's ID									
5. Transporter 1 Company Name <b>Fort Transfer, Inc.</b>						C. State Transporter's ID									
6. US EPA ID Number <b>ILD062333752</b>						D. Transporter's Phone <b>(800) 262-1190</b>									
7. Transporter 2 Company Name <b>Wolverine Disposal, Inc.</b>						E. State Transporter's ID									
8. US EPA ID Number <b>MID086140202</b>						F. Transporter's Phone <b>(313) 481-0020</b>									
9. Designated Facility Name and Site Address <b>Petro-Chem Processing, Inc. 515 Lycaste Detroit, MI 49214</b>						G. State Facility's ID									
10. US EPA ID Number <b>MID980615298</b>						H. Facility's Phone <b>(313) 824-5846</b>									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). a. <b>X</b> <b>"RQ", Hazardous Waste Liquid, (chloroform, acetone), ORM-E NA 9189</b>						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No. N/H			
						<b>004 DM</b>		<b>00180</b>		<b>G F 002 H</b>					
J. Additional Descriptions for Materials Listed Above a. <b>F003, F005, D001 3 kg per gallon or 5.41 kg Pregul # U39453 RQ - 1203 lb</b>						K. Handling Codes for Wastes Listed Above a/ <b>/</b> b/ <b>/</b> c/ <b>/</b> d/ <b>/</b>									
15. Special Handling Instructions and Additional Information <b>National Response Center (800) 424-8802 Bill to: Environmental Network</b>															
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR: if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name <b>Judy Biederman</b>						Signature <i>Judy Biederman</i>						Date Month Day Year <b>16/3/5/9/2</b>			
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name <b>Ron Ragon</b>						Signature <i>Ron Ragon</i>		Date Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name						Signature		Date Month Day Year	
19. Discrepancy Indication Space															
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.															
Printed/Typed Name						Signature						Date Month Day Year			



DNR

MICHIGAN DEPARTMENT  
OF NATURAL RESOURCES

## Document ii - j

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Act 136, P.A. 1979, as amended and Act 136, P.A. 1969.

Failure to file is punishable under section 299.548 MCL or Section 17 of Act 136, P.A. 1969.

Please print or type.

Form Approved, OMB No. 2050-0039 Expires 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address: <b>Gustavus Adolphus College</b> <b>St. Peter, MN 56082</b>		4. Generator's Phone ( ) <b>(507) 933-7334</b>		A. State Manifest Document Number <b>MI 2584558</b>		
5. Transporter 1 Company Name <b>Fort Transfer, Inc.</b>		6. US EPA ID Number <b>ILD062333752</b>		C. State Transporter's ID		
7. Transporter 2 Company Name <b>Wolverine Disposal, Inc.</b>		8. US EPA ID Number <b>MI D086148202</b>		D. Transporter's Phone <b>(800) 262-1190</b>		
9. Designated Facility Name and Site Address <b>Petro-Chem Processing, Inc.</b> <b>515 Lyncaste</b> <b>Detroit, MI 48214</b>		10. US EPA ID Number <b>MI D980615298</b>		E. State Transporter's ID		
				F. Transporter's Phone <b>(313) 481-0020</b>		
				G. State Facility's ID		
				H. Facility's Phone <b>(313) 824-5846</b>		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and HM ID NUMBER).		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No. N/H
a. <b>X "RQ", Hazardous Waste Liquid, (chloroform, acetone), ORM-E NA 9189</b>		<b>004</b>	<b>DM</b>	<b>00180</b>	<b>G</b>	<b>F002 H</b>
b. <b>DOT-096-92</b>						
c.						
d.						
J. Additional Descriptions for Materials Listed Above <b>a. F003, F005, D001</b> <b>3 kg per gallon or 540 kg</b> <b>Prequal # U39453</b> <b>ERG# 27</b>		K. Handling Codes for Wastes Listed Above		a/ / b/ / c/ / d/ /		
15. Special Handling Instructions and Additional Information. <b>National Response Center (800) 424-8602</b> <b>Bill to: Environmental Network</b>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <b>Judy Biederman</b>		Signature <i>Judy Biederman</i>		Date <b>16/2/5/92</b>		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <b>Ron Ragon</b>		Signature <i>Ron Ragon</i>		
18. Transporter 2 Acknowledgement or Receipt of Materials		Printed/Typed Name		Signature		
19. Discrepancy Indication Space <b>SLC DWH MID 980684088</b>						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name <b>Alan H. ...</b>		Signature <i>Alan H. ...</i>		
				Date <b>16/2/5/92</b>		

EPA Form 8700-22 (Rev. 9/88)

PR 5110  
Rev. 9/80

GENERATOR 2nd COPY

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8602 24 HOURS PER DAY.



## Document ii - k

→ Janet  
rl.

July 24, 1992

TO: Dr. Henry Toutain

FROM: Judy Biederman  
Biology Tech. Coord.  
ex. 7334

RE: Hazardous Waste Disposal

Enclosed is all paperwork and the invoice for hazardous waste disposal performed by Chemical Assistance in June. The bill is larger than the original bid because a number of ballasts were added, some cans of Fedron (cleaning fluid used in Print Room) were added, and more unknown chemicals were added. Upon consulting Layton Gehrke, we approved the additional cost.

There are several hazardous waste issues that need to be addressed soon;

1. Steve Griffith in the Theatre Dept. uses turpentine in small amount and occasionally has a gallon of waste, and also solvent soaked rags. He does not have a good means of disposal and storage. He should be contacted soon to solve this.
2. Chemistry, Biology and especially the Print Room have a continuing need to dispose of wastes. This accumulates for about two years and then is taken care of as we did with Chemical Assistance. However, we have no good storage. Brad Johnson has an extra storage cabinet that he is hoping someone can use. It may work to move that cabinet to Nobel and be used for storage of chemistry and biology wastes.
3. There are some large batteries left that we had hoped to recycle but apparently could not. These are just sitting somewhere out in the shop area, but need to be dealt with.

I have some material and paperwork from work I have done with the college hazardous waste that I will be happy to give to the new person. Please let me know what you want, or of what assistance I can be, or if you have any questions regarding this bill or past actions taken with hazardous waste compliance.

I also am responsible for the handling of infectious waste on campus. This is generated in biology labs and in the health service. If you have any questions regarding this area of compliance please feel free to contact me.

Hank - FYI

Document ii - I

July 30, 1992

Departments of Chemistry and Biology:

I have received information from the University of Minnesota about their program of disposal of unwanted chemicals and hazardous wastes. We have a proliferation of such materials and they should, in the interest of safety, be disposed of. The University will send a truck here on September 2 to pick up our materials if we can collect them and prepare them for proper shipment. This is an opportunity to clean out our labs and storerooms and get rid of a lot of problems. We can do it if everyone will cooperate and remove these materials from his/her particluar area or domain of responsibilty.

I suggest that each department accumulate material to dispose of in some designated room or lab. Bring only labeled and closed containers. Unknown materials must be tested in order to classify them. I will sort them, pack them in boxes, label the boxes, complete the box manifests, and negotiate the arrangements with the University. Please don't just dump your worst junk anonymously; leave your name with your unwanted materials. If they are not acceptable they will be returned to you. Larry will arrange the financial cost with our administration.

The University will not accept old ethers in cans or in bottles containing solid deposits. They will not accept picric acid unless it is wetted by inverting the closed container in water. Gas cylinders should be returned (by UPS) to the supplier or manufacturer (disposal costs \$500-1500 per lecture cylinder!!).

They accept mixtures if the composition is known and the container is labeled. Commercial products are accepted with proper labeling and with the MSDS. Bulk quantities of unknown materials are not acceptable.

I hope that everyone can help to make this collection program work in order to make our lab and storeroom environments safer places to work and live.

Sincerely,

*B.E. Hogenboom*  
Bernie Hogenboom  
Chemistry



## Document ii - m

**CHEMICAL ASSISTANCE, INC.**

221 Dino Drive • Suite A • Ann Arbor, Michigan 48103 • (800) 535-6630

FACSIMILE COVER SHEETDate: August 6, 1992Number of Pages 3  
Including CoverTO:  
Name: Sandy  
Business DepartmentFax Number: (507) 933-7041FROM:  
Name: Beverly LorenzoFax Number: (313) 426-9190If there is a problem with the transmission of this document please call us at  
(313) 426-9191.

COMMENTS;



## PURCHASE ORDER

P. 02  
No. 12609

## GUSTAVUS ADOLPHUS COLLEGE

ST. PETER, MINN. 56082

THE ABOVE NUMBER  
MUST APPEAR ON ALL  
INVOICES AND PACK-  
AGES

JUNE 1 1992

CHEMICAL ASSISTANCE, INC.

F.O.B. ST. PETER, MN

221 DINO DRIVE SUITE A

Requisition No.

ANN ARBOR, MICHIGAN 48103

Deliver To Receiving Room

1-800-535-6650

QUANTITY	SPECIFICATIONS	ACCT. NO.	UNIT PRICE	AMOUNT
	<p>PROJECT: HAZARDOUS WASTE DISPOSAL ATTN: LISA M. LEDWIDGE</p> <p>FURNISH ALL LABOR, MATERIALS AND TRANSPORTATION TO REMOVE THE HAZARDOUS WASTES FROM THE CAMPUS OF GUSTAVUS ADOLPHUS COLLEGE AS DESCRIBED IN CHEMICAL ASSISTANCE, INC. PROPOSAL AND CONTRACT DATED MAY 11, 1992 AND THE MATERIALS LIST ATTACHED TO THAT PROPOSAL. ALL HANDLING, TRANSPORTING AND DISPOSAL OF THE HAZARDOUS WASTE MATERIALS SHALL BE ACCOMPLISHED IN STRICT COMPLIANCE WITH THE EPA REGULATIONS GOVERNING THIS WORK. TAX EXEMPT #21306 TOTAL COST</p> <p>SCHEDULE: MATERIALS ARE SCHEDULED FOR PICK-UP AT THE LOADING DOCK ENTRANCE OF NOBEL HALL (SEE ATTACHED MAP) AT 8:00 A.M. ON JUNE 25, 1992.</p> <p>FOR QUESTIONS CALL JUDY BIEDERMAN AT 507-933-7334 OR LAYTON GEHRKE AT 507-933-7504</p>			\$9,100.00

IMPORTANT - Send invoices and statement to Business Office - Not With Goods

GUSTAVUS ADOLPHUS COLLEGE

By *[Signature]*  
Purchasing Dept.



Chemical Assistance, Inc.  
 221 Dino Drive, Suite A  
 Ann Arbor, MI 48103  
 (800)535-6650 F:(800)535-0105

# INVOICE

INVOICE #

81242

DATE

8/30/92

Bill To:  
 Gustavus Adolphus College  
 Judy Biederman  
 St. Peter MN 56082

Ship To:  
 Chemical Assistance Inc  
 221 Dino Drive  
 Suite A  
 Ann Arbor MI 48103

P.O. NUMBER

TERMS

12609

Net 30

DUE 7/28/92

DESCRIPTION

AMOUNT

Hazardous Waste Removal- Original Amount

9,100.00

Hazardous Waste Removal- Additional Materials as approved  
 by Judy Biederman

3,700.00

FINANCE CHARGE: 1.5% PER MONTH ON PAST DUE ACCOUNTS

Thank you for your business!

Amount Paid \$0

Amount Due \$12,800.00

STATEMENT

0 - 30 31 - 60 61 - 90 over 90

SUBTOTAL

12,800.00

TAX @ 0.00%

TOTAL

12,800.00



Chemical Assistance, Inc.  
221 Dino Drive, Suite A  
Ann Arbor, MI 48103  
(800)535-6650 F:(800)535-0105

# INVOICE

INVOICE #	91242
DATE	6/30/92

8/20/92

Bill To:  
Gustavus Adolphus College  
Judy Biederman  
St. Peter MN 56082

Ship To:  
Chemical Assistance, Inc.  
221 Dino Drive  
Suite A  
Ann Arbor MI 48103

P.O. NUMBER	TERMS	
12609	Net 30	Due 7/28/92

DESCRIPTION	AMOUNT
Hazardous Waste Removal- Original Amount	9,100.00
Hazardous Waste Removal- Additional Materials as approved by Judy Biederman	3,700.00

FINANCE CHARGE: 1.5% PER MONTH ON PAST DUE ACCOUNTS.

Thank you for your business!

PS

0-000-57120-4220-000

Amount Paid \$0  
Amount Due \$12,800.00

STATEMENT  
0 - 30

31 - 60

61 - 90

over 90

SUBTOTAL

TAX @

0.00 %

TOTAL

12,800.00

\$12,800.00

Document ii - n



→ Security  
file

Minnesota Pollution Control Agency  
520 Lafayette Road  
St. Paul, MN 55155-3898

Copy

From: Henry Toutain

RE: Hazardous waste application/renewal

Please find enclosed a copy of the license application and also an inventory sheet of the amount of materials being generated at Gustavus during the 1991-1992 school year. The amount of hazardous waste generated at the college varies with the amount of construction as well as the amount of lab waste being generated. The amount of lab waste varies from year to year, also depending on the number of professors, the types and quantities of experiments being conducted by different classes. I'm submitting the fee of \$94.24. If you have any questions or any problems, please feel free to contact me.



## Minnesota Pollution Control Agency

520 Lafayette Road, Saint Paul, Minnesota 55155-3898

May 1, 1992

### Attention: Businesses, organizations, and governmental units

All businesses, organizations and governmental units that generate (produce) hazardous waste must report that waste annually. Beginning in 1992, all generators must also obtain a license. Both of these requirements may now be satisfied by completing the enclosed License Application/Renewal. Licenses will be mailed in August, provided the License Application/Renewal and fee have been submitted on time. Licenses must be posted at your place of business. Licenses will be good from September 1, 1992 through August 31, 1993. **NOTE: no one may generate a hazardous waste without a license.** This mailing is part of an intensive effort by Minnesota Pollution Control Agency (MPCA) staff to notify all who may be affected by these changes and to enable them to easily obtain a license.

This application is being mailed to businesses, organizations, and governmental units that MPCA staff believes may generate a hazardous waste. You are receiving this letter for one or more of these reasons:

- your response to the Waste Certification forms mailed since fall, 1990;
- your type of business usually generates a hazardous waste;
- your manifests used when shipping hazardous wastes; or,
- you are one of the 2,500 businesses that have been previously reporting annually (responding to this letter will satisfy the normal annual reporting requirements).

#### If you receive this mailing, you must:


- 1) Complete and return the License Application/Renewal postmarked by June 1, 1992;
- 2) Complete the fee worksheet; and,
- 3) Submit a fee (if you owe one).

*[Even if you determine you are not a generator or you do not owe a fee, you must still complete, sign, date and return the License Application/Renewal.]*

In order to complete the License Application/Renewal, please read the explanation sheet. If you produce any of the wastes listed, you are a generator. **NOTE:** If you cannot determine if you generate a hazardous waste, look for a booklet that will be mailed to you by mid-May entitled, **BUSINESS WASTE: what you don't know may cost you.** This booklet is full of information to help you determine if your business, organization, or governmental unit is a generator.

If, after reading the information provided, you still have questions, one of eight staff people from the Generator Technical Assistance Unit can provide you with telephone assistance. If a staff person is already responding to a call, you may leave a message on voice mail and your call will be returned as quickly as possible. **NOTE:** when you call, please give the identification number on the License Application that is preprinted above your name. Call our toll-free number at: 1-(800)-657-3724. If busy, you may call: 1-(612)-297-8362 or 1-(612)-297-8363.

Sincerely,

  
Edward R. Meyer, Supervisor  
Generator Technical Assistance Unit  
Hazardous Waste Division

ERM:nhe

Enclosure

# Hazardous Waste Generator Fee Statement

Return this statement with your payment.

MND985684232  
JUDY BIEDERMAN  
GUSTAVUS ADOLPHUS COLLEGE  
PHYSICAL PLANT  
ST. PETER, MN 56082

## Calculation of Hazardous Waste Fees for Calendar Year 1991

☒ Do NOT include recycled oil or recycled oil filters in these calculations.  
See enclosed fact sheet *Hazardous Waste Licensing Fees* for more information.

1. Add the total number of gallons only reported on the License Application/Renewal form.

Multiply the number by ten (to convert gallons to pounds).

For example: 8 gallons x 10 = 80 pounds.

Enter the result here: \_\_\_\_\_ pounds

2. Add the total number of pounds reported on the License Application/Renewal form.

(Do not include any wastes counted in # 1.)

Enter the result here: \_\_\_\_\_ pounds

3. Add the results from lines 1 and 2.

Enter the sum here: \_\_\_\_\_ pounds\*

\*If this number is 100 or less, you are exempt from hazardous waste generator fees.

☐ Exempt from Hazardous Waste Generator Fees this year.

Enter "0" here: \$ \_\_\_\_\_

\*If this number is more than 100 pounds, you owe hazardous waste generator fees.

☐ Hazardous Waste Generator Fee for 1991.

Pay this amount: \$ 94.24

If your fee is postmarked after July 1, 1992, you owe a late fee on the unpaid amount.

☐ Late fee enclosed (\$47.12).

Enter late fee here: \$ \_\_\_\_\_

Total enclosed: \$ \_\_\_\_\_

Please submit your fee with the License Application/Renewal which must be postmarked no later than June 1, 1992. Any Hazardous Waste Generator Fees postmarked later than July 1, 1992, must include a late fee of fifty per cent (50%) of the unpaid amount (see enclosed fact sheet).

- If a fee is owed:

☐ Make checks payable to: Minnesota Pollution Control Agency

☐ Write your identification number on your check. (This number is preprinted above your name.)

☐ Include your business name on your check.

- Make a copy of this statement for your records.

- Mail this statement (and enclose a check if a fee is owed) to:

Minnesota Pollution Control Agency  
Hazardous Waste Division - GTA  
520 Lafayette Road  
St. Paul, MN 55155-3898

For more information, call MPCA staff toll free at 1-(800)-657-3724; or, if busy, at: 1-(612)-297-8362 or 1-(612)-297-8363.



# Hazardous Waste Licensing Fees

A Fact Sheet for Very Small Quantity Generators In Greater Minnesota

## MPCA services partially financed by fees:

### Technical assistance -

- fact sheets on hazardous waste rules and management;
- *Generator News* newsletter mailed quarterly to over 23,000 businesses;
- eight Hazardous Waste Generator Workshops held in spring and fall throughout the state;
- technical assistance provided by telephone, mail, or in person;
- presentations by MPCA staff;
- an annual Hazardous Waste Conference to update generators on rule changes and to provide information and assistance;
- rule amendments to ensure rules remain consistent with the EPA;

### Compliance determinations -

- inspections - either routine or in response to a complaint;
- manifest tracking to ensure hazardous waste reaches its proper destination; and,

### Enforcement -

- enforcement actions when needed to ensure that all generators are in compliance with the hazardous waste rules.

Fees do not cover hazardous waste disposal costs.

## Why fees?

In 1983 the Legislature decided to finance part of the Minnesota Pollution Control Agency (MPCA) Hazardous Waste Program with fees. The Legislature intended that those who create the need for the program should pay a significant share of the program costs. Presently the Hazardous Waste Program receives about half of its funding from the U.S. Environmental Protection Agency (EPA), about half from collected fees and a very small amount from the state general fund.

## Who pays hazardous waste licensing fees?

All hazardous waste generators located in Minnesota are subject to hazardous waste licensing fees. For businesses generating less than or equal to 100 pounds (about ten gallons) hazardous waste *per year*, fees are waived. *Those businesses are still required to properly manage and dispose of their hazardous waste.*

## How are the fees calculated?

Fees for Very Small, Small, and Large Quantity Generators are calculated based on generator size (*base fee*) and a *statewide program fee*. The *statewide program fee* is designed to recover statewide costs from generators in both the metropolitan area and Greater Minnesota. (In addition, Small and Large Quantity Generators are subject to a volume fee. For more information, request fact sheet 1.13.)

**Base fee** - The base fee depends upon the generator size (i.e., how much hazardous waste is generated). The base fee for Very Small Quantity Generators (VSQGs) is \$62.00.

When calculating generator size, do not count these wastes:

- recycled used oil and filters;
- recycled lead-acid batteries;
- recycled scrap metal;
- recycled photo negatives;
- pretreated wastes discharged to a city sanitary sewer system (management method SA);
- reusable rags which are wrung out, commercially laundered and reused;
- disposable rags that have only been used with an ignitable solvent *and* have been wrung out;
- approved feedstocks and by-products;
- wastes recycled on site which have already been counted once;
- wastes recycled on site in a closed-loop system.

**Statewide program fee** - The statewide program fee is determined by taking fifty-two per cent (52%) of the base fee. The statewide program fee for VSQGs is \$32.24.

**Total fee** - The total fee for VSQGs is \$94.24 for quantities greater than 100 pounds or ten gallons (or equivalent) of hazardous waste generated *per year*. There is no fee for quantities of 100 pounds or less (ten gallons or less or equivalent) of hazardous waste generated *per year*.

In order to be fair to all generators, and to ensure timely payment of license fees, a penalty of fifty per cent (50%) of the unpaid amount is added to the fee if the fee is not postmarked by July 1, 1992.



For more information, contact MPCA

Generator Technical Assistance Unit  
toll free at: 1-(800)-657-3724

If busy, call: 1-(612)-297-8362 or  
1-(612)-297-8363.





# Hazardous Waste License Application/Renewal

1

Minnesota Pollution Control Agency, Hazardous Waste Division, 520 Lafayette Road, St. Paul, MN 55155-3898

Make changes/additions here

mailing address

MND985684232

~~JUDY BIEDERMAN~~

GUSTAVUS ADOLPHUS COLLEGE

PHYSICAL PLANT

ST. PETER, MN 56082

Generator ID#: Same

Contact name: Henry Tautain

Business name: Gustavus Adolphus College

Mailing address: Dean of Students

site address

800 COLLEGE AVE.  
ST. PETER, MN 56082

Location address: 800 College Avenue

County: Nicollet

Telephone number: ( )

Type of business: D (use up to 2 letters on Explanation Sheet)

• explain if "x"

• give SIC Code (if known)

## Fill in information for 1991 below

Note: Only include information on wastes; not products that you are or will be using. Also, do not include empty containers.

List hazardous wastes produced at your business <small>(use numbers &amp; names on Explanation Sheet)</small>	1991 Amount produced		How was waste managed?		Year waste was first produced
	Amount	Pounds Gallons	Use symbols <small>(given below)</small>	Explain if 'OT'	
Example					
6 Paints/Thinners	130	<input type="checkbox"/> <input checked="" type="checkbox"/>	RO		1989
10 Residues/Sludges	10	<input type="checkbox"/> <input checked="" type="checkbox"/>	HH		1990
		<input type="checkbox"/> <input type="checkbox"/>			
		<input type="checkbox"/> <input type="checkbox"/>			
		<input type="checkbox"/> <input type="checkbox"/>			
		<input type="checkbox"/> <input type="checkbox"/>			
		<input type="checkbox"/> <input type="checkbox"/>			
		<input type="checkbox"/> <input type="checkbox"/>			
		<input type="checkbox"/> <input type="checkbox"/>			
See Inventory Sheet Dated May 1, 1992					
<input type="checkbox"/> sheet attached with additional wastes					

## Management Method Symbols

OA	Stored On Site	SW	Sewered without Treatment	RO	Recycled On Site (see item 10 on Explanation Sheet)
HH	Picked up by Hazardous Waste Hauler	SA	Sewered after Treatment (such as neutralization and silver recovery; does not include dilution)	BO	Burned On Site
OH	Picked up by Oil Hauler	LA	Laundered by Commercial Service	EV	Evaporated/Air Dried
NT	Picked up with Normal Trash			OT	Other (explain above)
CS	Taken to VSQG Collection Site				
SR	Silver Recycled Off Site (photo waste)				

Certification: I certify that I have personally examined and I am familiar with the information submitted in this document and that, to the best of my knowledge, the information is true, accurate and complete. I am also aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name (print) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Sign, make copy, and return original to MPCA by June 1, 1992 (address above)

# ▼ Explanation Sheet ▼

2

## TYPE OF BUSINESS

a Agriculture	f Electroplating	k Medical/Dental	p Printing/Graphic Arts	t Service Industry
b Construction	g Furniture Repair	l Metal Fab/Machining	q Recreation	u Transportation
c Dry Cleaning	h Government	m Mining	r Retail	v Utility
d Education	i Laboratory	n Painting	s Scrap Yard	w Vehicle Repair/Maint
e Electronics	j Manufacturing	o Photography	x Other	y Out of Business

## HAZARDOUS WASTES

**Note:** Only include information on wastes; not products that you are or will be using. Also, do not include empty containers.

If you did not generate any hazardous waste in 1991 but you are or will be generating in 1992, fill in all waste information but put "0" for 1991 Amount Produced to ensure that you will receive a license.

### Specific Waste: wastes from specific business types

1 Laboratory Wastes	include all hazardous laboratory waste. <i>Examples: strong acids and bases; solvents; unused chemicals; organic mixtures.</i>
2 Dry Cleaning Wastes	include all dry-cleaning related solvents. <i>Examples: perchloroethylene (perc); muck; cartridges.</i>
3 Ink Wastes	include hazardous ink wastes and ink-solvent mixtures. <i>Examples: ink sludge; blanket wash.</i>
4 Photographic Wastes	include spent fixers, developer system cleaners containing chromium.
5 Parts Washer Solvent	include <u>only petroleum-based</u> solvents. Include water-based cleaners under item '22'. <i>Examples: mineral spirits; petroleum naphtha; stoddard solvent.</i>
6 Paints/Thinners	include all paint and thinner wastes. <i>Examples: dried paints; paint scrapings; mixtures of paint and thinner; waste from cleaning spray guns.</i>
7 Paint Filters	include all hazardous paint filters and paint booth arrestors.
8 Stripper Wastes	include corrosive and solvent wastes from stripping metals and wood. <i>Examples: paste strippers; methylene chloride; paint sludges.</i>
9 Electroplating Wastes	include all plating wastes. <i>Examples: spent plating wastes; sludge; still bottoms.</i>
10 Residues/Sludges	include all residues and sludges that result from recycling or treating waste on site (RO or SA). <i>Examples: thinner sludge; distillation bottoms; but <u>not</u> silver recovered from photo fixer.</i>
11 Rags with Solvent/Ink/Paint	include all disposable and nondisposable rags containing solvent, ink, or paint.
12 Pesticides/Herbicides	include wood preservative, herbicide, insecticide, rodenticide, and fungicide wastes.
13 PCB Wastes	include wastes or oil containing 50 parts per million (ppm) or more PCB's; and, empty containers that once held 500 ppm or more PCBs. <i>Examples: capacitors; ballasts; transformers.</i>
14 Chemotherapy Drug Wastes	include all chemotherapy (antineoplastic) drug wastes <u>except</u> empty syringes, IV bags, vials, etc.
15 Batteries	include all types of batteries <u>except</u> vehicle batteries that are recycled. <b>Note:</b> You are not required to report your batteries if you produced less than 25 pounds last year.
16 Antifreeze	include all waste antifreeze.
17 Used Oil	include all types of used oil. <i>Examples: crankcase; lube; transmission; cutting oils.</i>
18 Used Oil Filters	include all used oil filters.

### Generic Waste: wastes that ARE NOT INCLUDED in the Specific Waste section above

19 Solvents/Degreasers	include solvents and degreasers not listed in the Specific Waste section. <u>Do not include</u> parts washer, paint thinner, and dry cleaning solvents already listed. <i>Example: carburetor cleaner.</i>
20 Acids/Bases	include acids with a pH of 2 or less and bases with a pH of 12.5 or more. <i>Examples: sulfuric acid; concentrated ammonia; radiator boil-out tank (sodium hydroxide).</i>
21 Ignitable Wastes	include flammable liquids with a flashpoint less than 140 degrees Fahrenheit. <i>Example: alcohols. <u>Do not include</u> used oil.</i>
22 Wastes containing Toxic Metals	include wastes containing arsenic, barium, cadmium, lead, mercury, selenium, or silver. <i>Examples: water-based parts cleaners; sandblasting debris. <u>Do not include</u> lead shields, lead foil, dental bite wings, silver/mercury amalgam and other metals <u>recycled as scrap metal</u>.</i>
23 Reactives/Explosives	include wastes that are explosive or react with water in a way that creates a health hazard. <i>Examples: picric acid; ether; hydroperoxide; ammonium dichromate.</i>
24, 25 Other	include hazardous wastes not included anywhere above. <u>Do not include</u> normal refuse such as paper, wood, cardboard, plastics. <i>Example: poisonous wastes.</i>
26 None of the Above	use this option if you do not produce any hazardous waste.





# Hazardous Waste License Fee Statement

Return this statement with your payment.

MND985684232  
JUDY BIEDERMAN  
GUSTAVUS ADOLPHUS COLLEGE  
PHYSICAL PLANT  
ST. PETER, MN 56082

## Calculation of Hazardous Waste Fees for Calendar Year 1991

**Note:** Some wastes (such as recycled used oil or recycled used oil filters) DO NOT COUNT towards the fee even though they must be reported on the License Application/Renewal. For more information, see *License Fee Information*.

1. Add the total number of **Gallons** you reported on the License Application/Renewal.

Multiply the number by ten (to convert gallons to pounds).

For example: 8 gallons  $\times$  10 = 80 pounds.

Enter the result here: \_\_\_\_\_ pounds

2. Add the total number of **Pounds** you reported on the License Application/Renewal.

(Do not include any wastes counted in # 1.)

Enter the result here: \_\_\_\_\_ pounds

3. Add the results from lines 1 and 2.

over 100 pounds  
Enter the sum here: \_\_\_\_\_ pounds

4. If the sum is 100 pounds or less, you are exempt from hazardous waste generator fees.

You owe \$0.00

If the sum is more than 100 pounds, you owe hazardous waste generator fees.

You owe \$94.24

Enter amount owed: \$ 94.24

5. If your fee is postmarked after July 1, 1992, you owe a late fee of 50 percent (%) on the unpaid amount. (The late fee on \$94.24 would be \$47.12).

Enter late fee here: \$ \_\_\_\_\_

Total enclosed: \$ 94.24

Please submit your fee with the License Application/Renewal which must be postmarked no later than June 1, 1992. Any Hazardous Waste Generator Fees postmarked later than July 1, 1992, must include a late fee of fifty percent (50%) of the unpaid amount (see enclosed fact sheet).

- If a fee is owed:

- ☐ Make checks payable to: Minnesota Pollution Control Agency
- ☐ Write your identification number on your check. (This number is preprinted above your name.)
- ☐ Include your business name on your check.

- Make a copy of this statement for your records.

- Mail this statement (and enclose a check if a fee is owed) to:

Minnesota Pollution Control Agency  
Hazardous Waste Division - GTA  
520 Lafayette Road  
St. Paul, MN 55155-3898

For more information, call MPCA staff toll free at 1-(800)-657-3724; or, if busy, at: 1-(612)-297-8362 or 1-(612)-297-8363.

## ▼ License Fee Information ▼

### MPCA services partially financed by fees:

#### Technical assistance -

- fact sheets on hazardous waste rules and management;
- *Generator News* newsletter mailed quarterly to over 23,000 businesses;
- eight Hazardous Waste Generator Workshops held in spring and fall throughout the state;
- technical assistance provided by telephone, mail, or in person;
- presentations by MPCA staff;
- an annual Hazardous Waste Conference to update generators on rule changes and to provide information and assistance;
- rule amendments to ensure rules remain consistent with the EPA;

#### Compliance determinations -

- inspections - either routine or in response to a complaint;
- manifest tracking to ensure hazardous waste reaches its proper destination; and,

#### Enforcement -

- enforcement actions when needed to ensure that all generators are in compliance with the hazardous waste rules.

Fees do not cover hazardous waste disposal costs.

### Why fees?

In 1983 the Legislature decided to finance part of the Minnesota Pollution Control Agency (MPCA) Hazardous Waste Program with fees. The Legislature intended that those who create the need for the program should pay a significant share of the program costs. Presently the Hazardous Waste Program receives about half of its funding from the U.S. Environmental Protection Agency (EPA), about half from collected fees and a very small amount from the state general fund.

### Who pays hazardous waste licensing fees?

All hazardous waste generators located in Minnesota are subject to hazardous waste licensing fees. For businesses generating less than or equal to 100 pounds (about ten gallons) of hazardous waste per year, fees are waived. *Those businesses are still required to have a license and properly manage and dispose of their hazardous waste.*

### How are the fees calculated?

Fees for Very Small, Small, and Large Quantity Generators are calculated based on generator size (*Base fee*) and a *Statewide program fee*. Generator size is determined by the amount of hazardous waste generated by a business. Certain hazardous wastes do not count towards generator size and therefore do not count towards the fee (*Wastes exempt from fees*). The statewide program fee is designed to recover statewide costs from generators in both the metropolitan area and Greater Minnesota. (In addition, Small and Large Quantity Generators are subject to a volume fee. For more information, request fact sheet 1.13.)

**Wastes exempt from fees** - Some hazardous wastes are exempt from fees *even though* they may have to be reported on the License Application/Renewal. When calculating the fee, do not count these wastes:

- recycled used oil and filters;
- recycled lead-acid batteries;
- recycled scrap metal;
- recycled photo negatives;
- pretreated wastes discharged to a city sanitary sewer system (management method SA);
- reusable rags which are wrung out, commercially laundered and reused;
- disposable rags that have only been used with an ignitable solvent *and* have been wrung out;
- approved feedstocks and by-products;
- wastes recycled on site which have already been counted once; and
- wastes recycled on site in a closed-loop system.

**Base fee** - The base fee depends upon the generator size (i.e., how much hazardous waste is generated). The base fee for Very Small Quantity Generators (VSQGs) is \$62.00.

**Statewide program fee** - The statewide program fee is determined by taking fifty-two per cent (52%) of the base fee. The statewide program fee for VSQGs is \$32.24.

**Total fee** - The total fee for a VSQG is \$94.24 unless the VSQG generated less than or equal to 100 pounds (about ten gallons) in 1991. In this case there is no fee.

**Late fee** - In order to be fair to all generators, and to ensure timely payment of license fees, a penalty of fifty per cent (50%) of the unpaid amount is added to the fee if the fee is not postmarked by July 1, 1992.



For more information, contact MPCA Generator Technical Assistance Unit toll free at: 1-(800)-657-3724. If busy, call: 1-(612)-297-8362 or 1-(612)-297-8363.

May 1, 1992

Gustavus Adolphus College

EMERGENCY LIGHT BATTERIES

Powersonics	37
Sure-Lites	18
Emergi-lite	9
Dual Lite	3
2 Volt Cyclon Dall	3
Lythonia Rechargable	1
Streamlight Rechargable	1
Fusolink	1
Black and Decker Fast Change Energy Pack	2

BALLASTS--approximately <sup>425</sup>365, ~~suspect they contain PCBs as they~~  
~~not marked to the contrary~~ No PCBs, but lead lined

Eight 5-gallon containers of print room wastes (solvents,  
blanket wash)

4 gal Fedron

Four 5-gallon containers of tar, hardened

OTHER

Adios Spot Remover 1 can, 20 ozs.

~~Ortho Wood-B-Gone 17 oz, 40 ozs.~~

Lubricating oil for aircrafts and machine guns (army surplus,  
marked poison) 1 pint

Immersion oil with PCBs 9 ozs.

✓ Siliclad, water soluble silicone concentrate 4 oz

N-nitrosa-N-ethylurea	30 gm
20-Methylcholanthrene	550 mg
1,2-Benzanthracene	250 mg
Phenol	8 oz.
Phenol and copper sulfate soln.	20 oz.
Ethyl carbamate	100 gm
Adrenaline Chloride	0.7 oz.
Acetylcholine chloride	20 gm
Kainic Acid	100 mg
Peroxidase	150 mg
Waste bromination solution	20 oz.
Waste methylene chloride	300 oz.
Waste $ZnH_2SO_4$	1000 gm
Waste Acetamide & Succinimide	50 gm
Lemon Lustre fortified polish	16.6 oz can
Rek-O-Matic, spray for LPs and other recordings	7 oz.

Flouoro*chloro dumping fluid	48 oz
Turpentine	30 oz.
Lead Acetate	35 oz., 16 oz.
Rekocut Oil	3 oz.
Corona Dope (high voltage insulation)	16 oz.
Acid Oleic, USP	25 oz.
Waste Ag	1 gm
Bubbline Concentrated R.S.	25 oz.
Zn metal sticks	20 oz.
Cadium metal sticks	2--1/2 lb. sticks
NaNO <sub>2</sub> sticks	10--2 gm sticks
Napthalene (crystal)	10 oz.
Aniline (from sulfate)	20 ml
Transparent waterproofing lacquer	16. Oz.
Velocite Oil	10 oz.
90% Faiming HNO	40 oz.
Waste C H NO	10 oz.
Sulphur roll	5 lb
Ethyl diphenol carbinol	20 gm
Polystyrene	5 gm
Stilbene Dibromide	8 gm
Carbon disulfide (Merck)	21 oz.
Kerosene	20 oz.
Sulphur	50 gm
Dr. Scat!--typewriter platen	
roll and type cleaner, contains	
1,1,1-trichloroethane	2 oz.
Water soluble oil	1 U.S. gallon
Sodium in mineral oil	about 10 oz.

#### PHOTOGRAPHY

Kodak rapid fixer, solution B (hardener) contains sulphuric acid--10 oz.

Kodak flexicolor stabilizer and replenisher, contains formaldehyde, 135 ml

Nextel Velvet coating 1--6 Oz can

Reducer for overall color, 16 oz bottle

Reducer for magenta color, 16 oz bottle

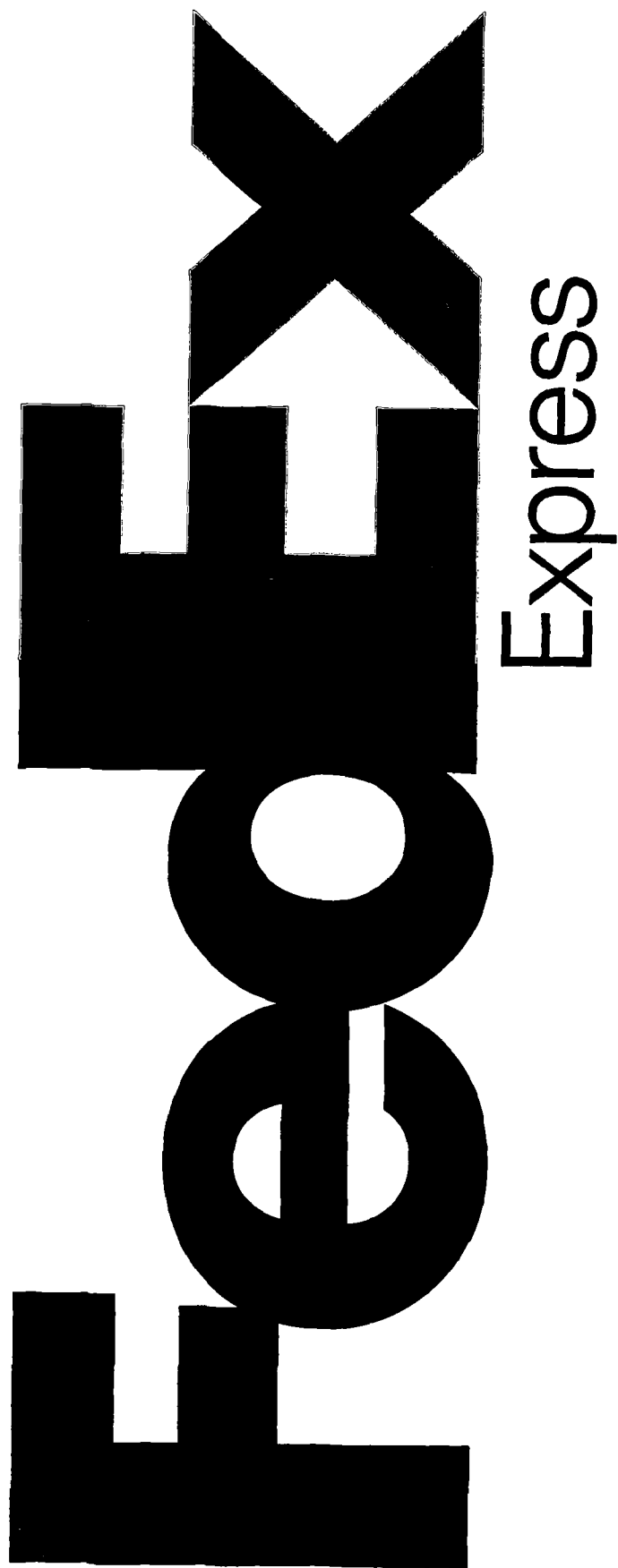
Reducer for yellow color, 16 oz. bottle

Reducer for cyan color, 16 oz bottle

Three kits: Extrachrome Film Processing Kit (Process E-4)

9 jars unidentified liquids, 5 jars unidentified solids, all small amounts. These and about 10 beakers with dried waste crsytals are from different chemistry experiments. These are not well marked.

Also, very small amounts of waste chemicals and salts formed on storage container, some marked, others marked but not readable. Some contain Et<sub>3</sub>NH<sub>2</sub>, H<sub>2</sub>, B<sub>10</sub>H<sub>7</sub>S(CH<sub>3</sub>)<sub>2</sub>NC<sub>5</sub>H<sub>5</sub>, B<sub>10</sub>H<sub>9</sub>[C(CH<sub>3</sub>)<sub>2</sub>]<sub>2</sub>

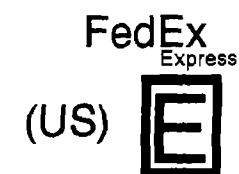


Align top of FedEx Express® Shipping Label here.

ORIGIN ID: OXCA (507) 933-7599  
NAOMI  
GUSTAVUS ADOLPHUS COLLEG  
800 W COLLEGE AVE  
SAINT PETER MN 56082  
UNITED STATES

SHIP DATE: 29MAY12  
ACTUAL WGT: 1 LB  
SYSTEM#: 640728  
ACCOUNT: S 2109-9900-0

TO: MARSHA ADAMS  
US ENVIRONMENTAL PROTECTION AG  
77 WEST JACKSON BOULEVARD  
ENFORCEMENT SER SECT 1 SE-511  
CHACAGO, IL 60604



Delivery Address  
Barcode

PRIORITY OVERNIGHT

WED

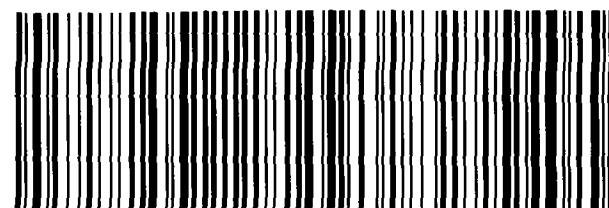
TRK# 5257 7809 6710 Form 0201

Deliver By:  
30May12

ORD A1

60604 -IL-US

XH CHIA



Align bottom of Peel and Stick Airbill or Pouch here.